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[1969]

Precast Concrete
Modern Advances in Building Design & Technology

M. W. Huggins, L. G. Cazaly, D. M. Curzon, N. N. Aylon

**The Division of Extension
University of Toronto**

This course will present the significant developments in the fields of precast and prestressed concrete, systems integration and industrialized techniques as related to the design of buildings. The objective is to provide both a broad appreciation of the impact of precasting technology on building design and an insight into structural detail.

Those who take the course will be better equipped to handle the manifold applications of precast and prestressed concrete across the entire spectrum of building activity in Canada.

The course will consist of a two-hour lecture, one evening a week, for twelve weeks and will be of largely original content.

The lectures will include:

- A survey of precast building types and applications
- A study of systems building incorporating prefabrication techniques
- Industrialized building
- Frame-type and panel-type building systems
- The design of custom buildings precast in whole or in part
- Prestressed concrete design criteria
- The structural behaviour of precast elements
- Connection and assembly details
- Precast plant technology and manufacturing practice
- Special post-tensioning applications to buildings

There will be opportunities to review current design practice and principles with the lecturers.

This course will be of interest to Professional Engineers or senior registered technicians.

Text: None.

Tuesdays, commencing
January 14, 7:00-9:00 p.m.,
Room 404, Carr Hall,
St. George Campus.

$50.00 — 12 sessions

Requests for application forms may be directed to:

**Business & Professional Courses,
Division of Extension,
University of Toronto,
84 Queen's Park,
Toronto 5, Ontario.
Telephone: 928-2400.**

Offered in co-operation with the Ontario Region of the Portland Cement Association and the Canadian Prestressed Concrete Institute